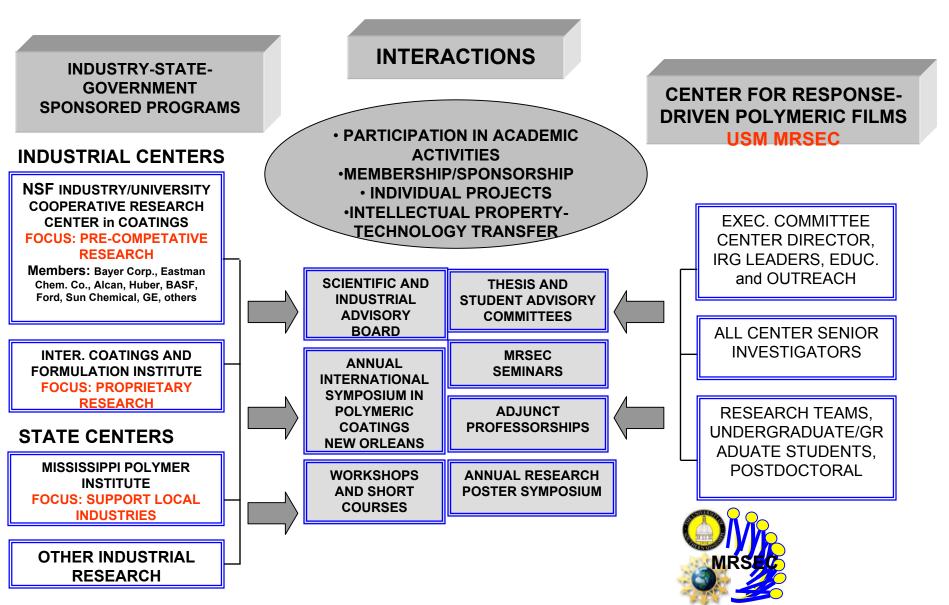
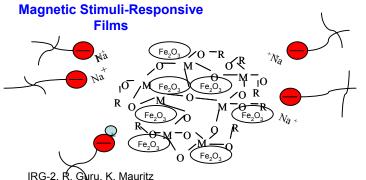
Fostering MRSEC Industrial Interactions

Center for Response-Driven Polymeric Films; Director: M.W. Urban; IRG Leaders: S. Heinhorst; C. Hoyle The University of Southern Mississippi



Center for Response Driven Polymeric Films

Center for Response-Driven Polymeric Films The University of Southern Mississippi



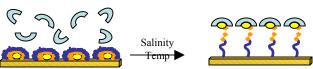
Collaborators: R. Storey (IRG-2), DuPont, MRSEC at U.

Alabama

Reactive Colloidal Particles - Core-shell morphologies - Crosslinked with O2 - Environmentally Complaint 100-300nm **Core-Shell Morphology ~**С H **=**С H

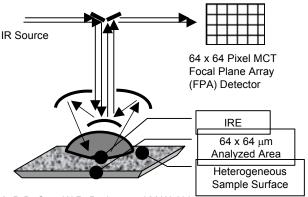
IRG-1. T. Williams and S.F. Thames Collaborators: K. Mauritz, M. Urban

Surface-Bound Responsive (Co)Polymers Biosensor/Microfluidic Technology



IRG-1, C. Scales, C.L. McCormick Collaborators: F. Huang, M. Urban, C. Hoyle; Genzyme Co.

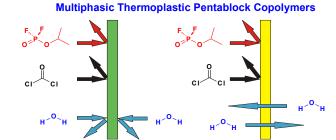
Internal Reflection Infrared Imaging (IRIRI) Spatial Resolution in mid IR: 1000 nm



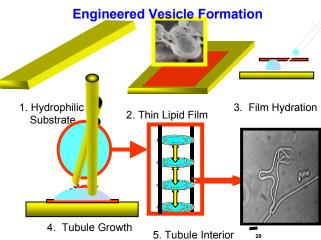
IRG-2: D.B. Otts, W.R. Dreher, and M.W. Urban;

Collaborators: C. McCormick (IRG-1); Bayer Corp.

Polymeric Films for Controllable Transport Properties



IRG-2. A.D. Scheuer and R.F. Storey Collaborators: K. Mauritz, J. Kopchick; Nike Co.



IRG-2. D. Lestage, M.W.Urban; "Collaborators: C. Hoyle, S.F.Thames, BASF Corp.



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